

UDOT Minimum Sampling and Testing Requirements

Revised April '07

Specification - Material: 02741 HMA

Assurance: Asphalt Binder Content and Sieve Analysis

Reference: AASHTO T 308 and AASHTO T 30

Lot Size: Production Day

Frequency per Lot: Four

Point of Acceptance: Grade behind the paver

Sampling Reference: MOI 8-984

Report/Form:

Assurance: Asphalt Binder Content and Sieve Analysis

Reference: AASHTO T 308 and AASHTO T 30

Lot Size: Production Day

Frequency per Lot: If the fourth sample cannot be obtained the lot is evaluated on three test results

Point of Acceptance: Grade behind the paver

Sampling Reference: MOI 8-984

Report/Form:

Assurance: Theoretical Maximum Specific Gravity (Rice)

Reference: AASHTO T 209

Lot Size: Production Day

Frequency per Lot: Three in conjunction with VMA determination

Point of Acceptance: Grade behind the paver

Sampling Reference: MOI 8-984

Report/Form:

<i>Specification - Material: 02741 HMA</i>
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Assurance: Voids in Mineral Aggregate (VMA) Determination

Reference: AASHTO T 312, AASHTO R 35

Lot Size: Production Day

Frequency per Lot: Three, in conjunction with Rice Determination (one VMA determination is based on an average of two specimens)

Point of Acceptance: Grade behind the paver

Sampling Reference: MOI 8-984

Report/Form:

Assurance: In-Place Density

Reference: AASHTO T 166

Lot Size: Production Day

Frequency per Lot: Ten: two in each of five equal sublots

Point of Acceptance: Grade after compaction, prior to traffic

Sampling Reference: MOI 8-984

Report/Form:

Assurance: Thickness

Reference: Average of three measurements on each core recorded to 1/8 inch..

Lot Size: Production Day

Frequency per Lot: Ten in conjunction with in-place density determination

Point of Acceptance: Grade after compaction, prior to traffic

Sampling Reference: MOI 8-984

Report/Form:

<i>Specification - Material: 02741 HMA</i>

Assurance: Smoothness

Reference: Standard Specification 01452

Lot Size:

Frequency per Lot:

Point of Acceptance:

Sampling Reference:

Report/Form:

Assurance: Visual Acceptance of very small quantities of materials

Reference: Acceptance is limited to materials being furnished from sources found satisfactory under normal sampling and testing procedures

Lot Size: Not to exceed 100 tons per day or 1000 tons per project

Frequency per Lot: One report for each day material is accepted

Point of Acceptance: Grade

Sampling Reference:

Report/Form: Visual Inspection Report
